Guidelines for Utilisation of Resources under India Disaster Resource Network (IDRN)

1. Background

1.1 IDRN is a nation-wide web based electronic inventory of resources that enlists critical supplies, equipment and human resources collated from districts, states and national level along with private sector and public sector undertakings through line departments and agencies.

1.2 Primary focus of IDRN portal is to enable the decision makers to know the availability of resources and equipment required to combat any emergency situation. This database will also enable them to assess the level of preparedness for specific disasters.

1.3 The technical specifications for maintenance of the on-line portal and updates from time to time will be prescribed by the National Institute of Disaster Management.

2. Resources and Equipment

2.1 An inventory list of different categories of resources and items have been worked out keeping the varied geo-climatic conditions aligned with various types of hazards, disasters including the pandemics. Similarly, District Administrations shall also compile and update the data related to trained Aapda Mitra Volunteers, Civil Defence Volunteers, volunteers of Nehru Yuva Kendra (NYKS), NCC, NSS, NGOs, Community Based Organizations (CBOs), etc. Inventories related to essential services and service providers like Health, Water and Sanitation, Power, Telecommunication, Transportation and Civil Supplies etc. must also be updated.

3. Resources available with Private Sector

3.1 District Administration will also include and update data related to the resources (personnel, material and services) available with Private Sector in respective districts.

4. Inventory of Resources

4.1 Collection of Data

4.1.1 District Administration is responsible for collection of data related to resources available in the District which are required during impending disaster situations/ disasters. District Collectors/ Magistrate through DDMAs are responsible to collect the latest information about resources available with various line departments/ agencies and uploaded in the portal, using services of District Informatics Officers.

4.1.2 District Collector /Magistrate will depute a nodal official at district level having access to login ID and Password who will be responsible for collecting, compiling and updating their inventory data on the central server on the information/ data received from various line departments or agencies. Adequate authorization and security needs to be ensured for maintaining the portal to prevent unauthorized access to this inventory.

4.2   Updation of Data

4.2.1 District administration will update the data at regular interval, preferably every quarter i.e., in the month of March, June, September & December.

4.3   Entry of Data

4.3.1 Officer identified by the District Administration will be responsible for ensuring the entry of data in the portal. Data collection and uploading on IDRN portal should be done following the instruction regarding data collection available at IDRN website.

4.4   Validation of Data

4.4.1 Data will be validated under the direct supervision of District Magistrate.

4.5 Participation of IDRN resource providers in mock exercises:

It is necessary for the DDMA to see that the resource providers of IDRN, including PSUs and private entities are associated in the mock exercises conducted at the State/ district level, so that resources available with them could be appropriately utilized at the time of actual response.

5.   Utilization of Resources

5.1   Requisition of Resources

5.1.1 Section 33 empowers the District Authority that it may by order require any officer or any Department at the district level or any local authority to take

such measures for the prevention or mitigation of disaster, or to effectively respond to it, as may be necessary, and such office or department shall be bound to carry out such order.

5.1.2 Section 65 of the DM Act, 2005 mentions 'Power of requisition of resources, provisions, vehicles, etc., for rescue operations, etc.' It says:

"(1) If it appears to the National Executive Committee, State Executive Committee or District Authority or any officer as may be authorized by it in this behalf that –

   a. any resources with any authority or person are needed for the purpose of prompt response;
   b. any premises are needed or likely to be needed for the purpose of rescue operations; or
   c. Any vehicle is needed or is likely to be needed for the purposes of transport of resources from disaster affected areas or transport of resources to the affected area or transport in connection with rescue, rehabilitation or reconstruction.

Such authority may, by order in writing, requisition such resources or premises or such vehicle, as the case may be, and may make such further orders as may appear to it to be necessary or expedient in connection with the requisitioning.

(2) Whenever any resource, premise or vehicle is requisitioned under sub-section (1), the period of such requisition shall not exceed beyond the period for which such resource, premises or vehicle is required for any of the purposes mentioned in that sub-section.

(3) In this section, -

   a. **"resource"** includes men and material resources;
   b. **"services"** includes facilities;
   c. **"premises"** means any land, building or part of a building and includes a hut, shed or other structure or any part thereof;
   d. **"vehicle"** means any vehicle used or capable of being used for the purpose of transport, whether propelled by mechanical power or otherwise.

5.1.3 District Magistrate will requisition the required resources available with various line departments and agencies.

5.2   Requisition of Resources available with Private Sector

5.2.1 District Administration will directly requisition the resources available with the Private Sector and Private Sector shall ensure that these resources are deployed effectively and efficiently in a timely manner. Respective Private Sector shall ensure that the resources available with it are deployed with adequate skilled manpower and fuel, if required. Cost of services provided by Private Sector will be considered as part of Corporate Social Responsibility. Normal wear and tear of the equipment shall also be borne by the respective Sector.

5.3   Requisition of Resources from neighbouring Districts

5.3.1 District Magistrate/ Collector being the Incident Commander may requisition additional resources and equipment from neighbouring districts in case of non-availability or shortage of such resources/ equipment.

5.4   Transportation of Resources from neighbouring Districts

5.4.1 District Administration concerned, from which resources/ equipment have been requested for the affected district, shall ensure that the resources/ equipment are deployed along-with skilled personnel to the affected district. The cost of any such deployment will also be borne by the district from which the support has been requested by the affected district.

5.5   Authorization for Requisitioning

5.5.1 District Magistrate/ Collector being the Incident Commander shall requisition the resources/ equipment, however, he/ she may also authorize Officer from DDMA or person deployed at the ground zero to requisition the resources/ equipment.

5.6   Justification of Requisitioning

5.6.1 District Administration shall ensure that the resources are requisitioned with due diligence to avoid unnecessary and unmindful requisitioning. It may also be noted that district administration has been traditionally using several private resources like boats, vehicles, bulldozers, earthmovers etc in disaster response activities, on hire basis from private owners. It is clarified that such hiring arrangements on payment basis will continue. Requisition is an additional option to be resorted to in a judicious manner, in respect of those items and equipment that do not find place in the regular planning or those which may be required additionally depending upon the severity of the disaster.

It may be borne in mind that the objective is to engage and solicit active and willing participation of the private in saving lives and in reducing damages to property during disasters. Such engagement needs to be on a sustainable basis and not with a 'coercive' approach.

5.7 Deployment of Resources Requisitioned

5.7.1 District Administration shall ensure that all the resources requisitioned are optimally utilised. No resources should be kept unutilised.

5.8 Demobilisation of Resources

5.8.1 District administration shall ensure the demobilisation of all the requisitioned resource on the recommendations of Incident Commander once the response operation is complete.

5.9 Provision for compensation of wear and tear of resources

5.9.1 Normal wear and tear of equipment shall be borne by the resource provider concerned. However, major damage to the equipment shall be borne by the District Administration, who had requisitioned the equipment.

5.10 Coordination between Requisitioner and End Users

5.10.1 Before requisitioning, District Administration shall ensure that there is proper coordination with the end users of those resources. As the resources requisitioned will be operated/ utilized by the first responders (including SDRF, NDRF and others), these personnel/ agencies may also be consulted before requisitioning.

6. Capacity Building for Utilization of Resources

6.1 Assessment of Resources

6.1.1 District Administration will assess the status of availability of resources periodically. During the Mock Exercises an assessment of resource availability shall be done mandatorily.

6.2 Procurement of Resources

6.2.1 The District Disaster Management Authority will ensure that the resources created by application of preparedness and capacity building window of NDRF/SDRF are updated in the inventory.

6.2.2. Private Sector may be encouraged to procure resources/ equipment based on the hazard-profile of the district from Corporate Social Responsibility fund. This will help District Administration during disasters or impending disaster situations. District Administration shall ensure that inventory of such resources are properly updated on the IDRN portal.

6.3   Training for utilization of Resources

6.3.1 District Administration will ensure requisite training for response personnel for proper handling, operating and utilization of resources at regular interval.

7.   Resources and Equipment required for Disaster-specific Response

A suggestive list of resources/ items required for response activities has been prepared in consultation with National Disaster Response Force and placed as Annexure.

8. Report on utilisation of resources of IDRN

A report will be furnished to the Ministry of Home Affairs under intimation to NDMA by the State/UT on half early basis on the utilisation of IDRN resources as well as use during mock exercises as mentioned in Para 4.5 and Para 6.1.1 above. The reports will also be furnished along with the Memorandum whenever the State Governments submits to the Ministry of Home Affairs for assistance in case of severe disasters. The Inter Ministerial Central Team will also review this aspect during their field visits and interaction with the State/UT Governments.

9. Utilisation of resources at State level and national level

Though the above provisions have been made keeping in view the primary use at the district level, the same will be applicable *mutatis mutandis* at the State level in respect of disasters that may affect more than a district in the State and at the National level in respect of disasters that my affect more than one State or that affect people living in inter-State border regions.

REQUIRED INVENTORY OF RESOURCES/ ITEMS

	CSSR	
	Resource Type-Equipment	
Category – Cutters		
S. No	**Item Code**	**Item Name**	**Item present in the department/Agency (Yes/No)**
1.		Gas Cutters (Oxy gasoline)	
2.		Chipping hammer	
3.		Rotary rescue saw petrol driven	
4.		Angle cutter (electric)	
5.		Reciprocating saw	
6.		Circular saw	
7.		Rotary hammer drill	
8.		Circular Saw – Bullet & Diamond	
Category – Spreaders		
9.		Spreaders – Hydraulic	
10.		Spreaders – Battery	
Category – Lifting Equipment		
11.		Air Lifting bags (Different Capacity)/Tools	
12.		Jack with 5/10/20 ton lift	
13.		Cranes & Fork lifts	
14.		Skid Steer Loader Machine	
Category – Light Equipment		
15.		Sledge hammer	
16.		Heavy Axe	
17.		Rope Manila and nylon	
18.		Gloves-Rubber, Tested up to 25,00 volt	
19.		Portable Air compressor machine	

20.		Stretcher harness (set)	
21.		Chains – 6 feet (3 tin lift)	

Category – Lighting arrangements

22.		Inflatable Light Tower	
23.		Light Mast	
24.		Search light	
25.		Electric Generator	
26.		Electric Torch	
27.		Lanterns	

Category – Heavy Engineering Equipment

28.		Trucks – Aerial Lift	
29.		Bulldozers wheeled/chain	
30.		Dumper	
31.		Earth movers	
32.		Cranes – Heavy Duty, Fork type	
33.		Tipper – Heavy Duty	
34.		Recovery Vans Beam Type	
35.		Snow Beaters Wheeled	

FLOOD RESCUE

Resource Type-Equipment

Category Name – Specialized flood/Rescue Equipment

36.		Diving suit	
37.		Lifebuoy	
38.		Life Jackets	
39.		Come Along (various lengths upto 150 metres)	
40.		Pneumatic Rope Launcher	
41.		Inflatable boat (12 persons)	
42		Fiber boat (12 persons)	
43.		Motor Boats	

FIRE FIGHTING

Resource Type-Equipment

Category – Protective Equipment			
44.		Suit – fire entry	
45.		Suit – fire proximity	
46.		Suit - NBC	
47.		Clothing – Chemical protecti8ve (A, B, C)	
Category – Breathing Apparatus set			
48.		Breathing Apparatus - self contained	
49.		Breathing Apparatus	
Category – Pumps			
50.		Pump – high pressure, portable	
51.		Pump – floating	
52.		Drainage Pumps	
53.		Air Compressor	
Category – Ladder			
54.		Extension Ladder	
55.		Rope ladder	
56.		Aluminium ladder	
Category – Fire Extinguishers			
57.		ABC Type	
58.		CO2 Type	
59.		Foam Type	
60.		DCP Type	
Category – Fire/rescue tenders			
61.		Fire Tender	
62.		Foam Tender	
63.		Rescue Tender	
64.		Hydraulic Platform	
65.		Hazmat Vehicle	
MEDICAL FIRST RESPONDER (MFR)			
Resource Type-Equipment			
Category – Health Equipment			
66.		Spine boards	

67.		Stretcher medical evacuation	
68.		First aid kits	
Category – Portable Equipment			
69.		Portable oxygen cylinders	
70.		Portable ventilators	
Category – Lifesaving Equipment			
71.		Mechanical ventilators	
Category – Mobile units			
72.		Mobile lab service	
73.		Mobile medical van	
Category – Hygiene			
74.		Water filter	
75.		Water tank	
SHELTERS			
Resource Type – Equipment			
Category – Tents			
76.		Tent Family Ridge	
77.		Tent Store	
78.		Tent extendable 4 meters	
79.		Tent Arctic	
Category – Sheets			
80.		Tarpaulin	
81.		Plastic Sheet	
82.		Polythene Sheet	
83.		Corrugated Galvanized Iron sheet	
Category – Pre-fab shelters			
84.		Porta Cabins	
TRANSPORTATION			
Resource Type – Equipment			
Category – Light vehicles			
85.		Four wheel drive vehicle (4X4)	
86.		Motor Cycle	
Category – Medium vehicle			

87.		Truck (3/5 tonner)	
88.		Mini Bus (32/52 seater)	
Category – Heavy vehicle			
89.		Bus	
90.		Tractor	
91.		Trailer	
92.		Heavy Truck	
Category – Special vehicles			
93.		Light Ambulance Van	
94.		Water Tanker – Medium/Large capacity	
95.		Road Roller	
COMMUNICATION			
Resource Type – Equipment			
Category – Wireless system			
96.		VHF Sets Static	
97.		VHF Sets Mobile	
98.		Walkie Talkie Sets	
99.		HF Sets Static	
Category – Satphones			
100.		V-SAT	
101.		INMARSAT	
Category – Mobile phones			
102.		Mobile Phone GSM	
103.		Mobile CDMA	
Category – GPS			
104.		GPS Hand Sets	
Category – Video system			
105.		Video Phone Set	
106.		Video Camera Digital	
CBRN			
Resource Type-Equipment			
Category – NBC specialized Equipment			
107.		NBC Suits – Mark V	

108.		A Level suits	
109.		Body bags	
110.		Decontamination kit	
111.		Respirator (Gas mask with canisters)	
112.		Multi gas detector	
113.		Teletector	
114.		GM survey meter	
115.		Contaminator monitor	
116.		Mini Rad meter	
117.		NBC Over boots	
118.		Resuscitator	
MOUNTAIN RESCUE ITEMS			
119.		Sleeping Bag	
120.		Ropes (Climbing/Rappelling)	
121.		Carabiners	
122.		Rock/Ice piton	
123.		Avalanche cord/rod	
124		Ice axe	